

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	4	("3649837"   "3668404"   "4605943"   "5038354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/27 05:43
L9	5	("5181220").URPN.	USPAT	OR	ON	2006/11/27 05:43
L10	14	("3739217"   "4080245"   "4856014"   "5405710"   "5804919"   "6060826"   "6133692"   "6140764"   "6278237"   "6362566"   "6441551"   "6476550"   "6504180").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/27 05:43
S2	294	313/499.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S3	332	313/500.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S4	271	313/502.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/25 23:31
S5	935	313/504.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:22
S6	603	313/509.ccls.	USPAT; EPO; JPO	OR	ON	2005/09/19 05:23
S7	475	313/512.ccls.	USPAT; EPO; JPO	OR	ON	2006/08/11 13:16
S11	293	313/116.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:16
S25	5376	372/43.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:59
S26	920	372/44.ccls.	USPAT; EPO; JPO	OR	ON	2004/07/26 00:53
S53	94	313/501.ccls.	USPAT; EPO; JPO	OR	ON	2006/09/13 14:39
S59	120	313/498.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S60	329	313/498.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S62	677	372/49.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S63	111	372/49.ccls. and pattern	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S65	580	257/466.ccls.	USPAT; EPO; JPO	OR	ON	2005/01/23 14:43
S70	4	"313"/\$.ccls. and chirping and pattern	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/01/23 14:44

## EAST Search History

S79	25	("6831302" "6504180" "6690268" "6642618" "6784027" "6847057" "6072628" "6122103" "6288840" "6574383" "6504180" "6690268" "5162878" "6828597" "5814839" "5491350" "6303405" "20020110172" "6222207" "6593160" "6573537" "6465808" "20030143772" "6762069" "6649437" "6740906" "6791119").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/01 16:26
S85	951	313/110.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/01 16:55
S86	1572	313/112.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/08/01 16:55
S87	57	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and "detuning" and LED	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/14 18:33
S89	84	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and "extraction efficiency"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/14 18:34
S90	80	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and "extraction efficiency" not (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/14 18:53
S92	16	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and ("extraction efficiency" same (??"%")) not (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/26 16:30
S93	258	LED and ("extraction efficiency" same (??"%")) not (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/14 19:27
S94	90	LED and ("extraction efficiency" same (??"%")) not (erchak.in.) not ("Water soluble" hydrocarbon ether rubber shale pharmesutical disease protein renal coal counterflow)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 15:19
S95	11	313/506.ccls. and "current spreading"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/19 05:23
S96	25	"extraction efficiency" same "wall plug efficiency"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/19 07:13

## EAST Search History

S97	2	"extraction efficiency" same "wall plug efficiency" not (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/09/19 07:17
S98	108	"extraction efficiency" same "quantum efficiency" not (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 16:28
S99	2177	LED and (detuning "lattice constant") not (erchak.in.) not ("Water soluble" hydrocarbon ether rubber shale pharmesutical disease protein renal coal counterflow)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 15:20
S100	278	LED and (detuning "lattice constant"). clm. not (erchak.in.) not ("Water soluble" hydrocarbon ether rubber shale pharmesutical disease protein renal coal counterflow)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 15:22
S101	47	LED and (detuning detune detuned). clm. not (erchak.in.) not ("Water soluble" hydrocarbon ether rubber shale pharmesutical disease protein renal coal counterflow)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 15:24
S102	15	LED and (detuning detune detuned). clm. and (erchak.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/12/28 15:24
S108	6	"10724015"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/17 15:03
S109	8	"10/724015"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/02/17 15:03
S110	8	313/512.ccls. and organic and fresnel	USPAT; EPO; JPO	OR	ON	2006/08/11 13:20
S111	6	313/506.ccls. and organic and fresnel	USPAT; EPO; JPO	OR	ON	2006/08/11 13:20
S112	1	313/509.ccls. and organic and fresnel	USPAT; EPO; JPO	OR	ON	2006/08/11 13:20
S113	1	"6777871".pn.	USPAT; EPO; JPO	OR	ON	2006/09/13 14:39
S114	1	"5779924".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/07 15:58

## EAST Search History

S11 5	13	("3763372"   "3981023"   "4025157"   "4108622"   "4339689"   "4956000"   "5073041"   "5126875"   "5181220"   "5223049"   "5262360"   "5359618"   "5493577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 01:20
S11 6	5	("5181220").URPN.	USPAT	OR	ON	2006/11/26 01:23
S11 7	4	("3649837"   "3668404"   "4605943"   "5038354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 01:25
S11 8	1	("5038354").URPN.	USPAT	OR	ON	2006/11/26 01:26
S11 9	1430	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and (semi?conductor semiconductor) and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/26 16:31
S12 0	693	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and (semi?conductor semiconductor) and pattern and (mm cm)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/26 16:34
S12 1	489	("313"/\$.ccls. "372"/\$.ccls. "257"/\$.ccls) and LED and (semi?conductor semiconductor) and pattern and (mm cm) not (laser.ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/26 16:34
S12 2	14	("3739217"   "4080245"   "4856014"   "5405710"   "5804919"   "6060826"   "6133692"   "6140764"   "6278237"   "6362566"   "6441551"   "6476550"   "6504180").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 16:40
S12 3	21	("3739217").URPN.	USPAT	OR	ON	2006/11/26 17:06
S12 4	17	("3739217"   "4080245"   "4297651"   "4407695"   "4554727"   "4664748"   "4801476"   "4894835"   "5087949"   "5226053"   "5300788"   "5349211"   "5358880"   "5510156"   "5705834"   "5776644").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 17:10